

THOMSON TECHNICAL INFORMATION

RCA**PROSCAN**

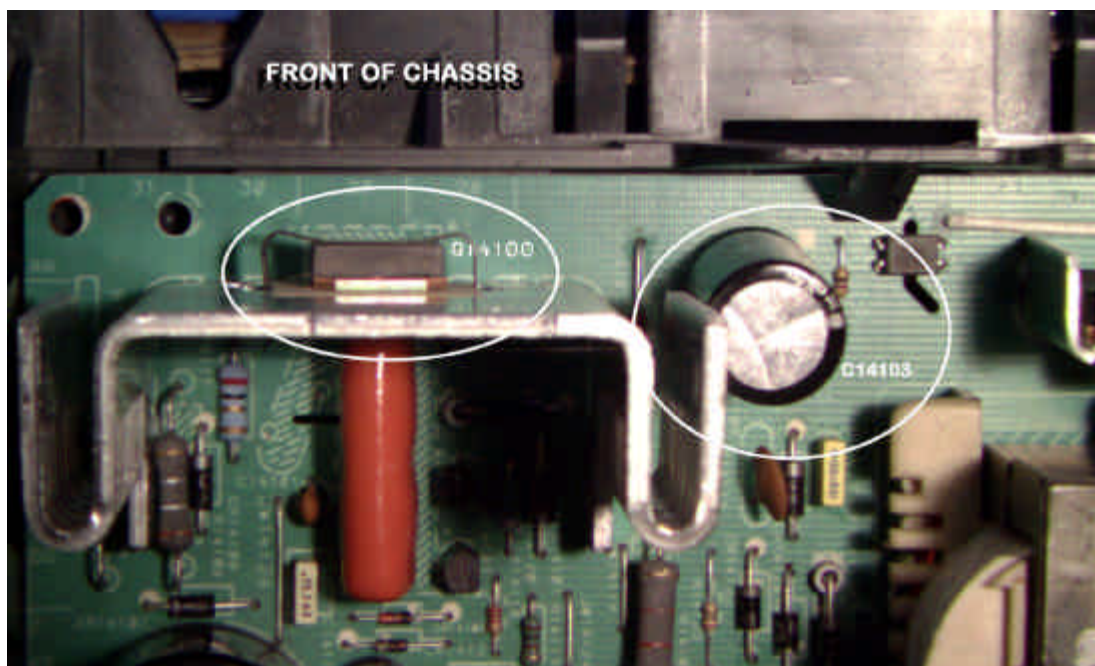
Product Support • Mail Stop INH 900
P.O. Box 1976 • Indianapolis, IN 46206 -1976

*Television***TV 00-001**

File In Appropriate Section of Your Thomson Technical Information Binder

DATE: May 15, 2000**Warranty Labor Rate:** N/A**MODELS:** All MM101/MM102 Chassis**TOPIC:** Main Power Supply Failure**Symptom:** Unexplained Q14100 Transistor Failure**Cause:** Poor solder connection in the area of electrolytic Capacitor C14103.

Cure: A possible cause of Main Power Supply output transistor Q14100 failure with no other circuit failure evident, is poor solder connections at the leads of C14103 (PCB location BB25). C14103 is a large electrolytic capacitor and a poor solder fillet at either of the leads where they enter the PCB may fracture over time. C14103 is required for fast shutoff of Q14100 after the conduction cycle. When not conducting correctly, efficiency of Q14100 is reduced causing overheating and possible failure. At any replacement of Q14100, regardless of the suspected cause of failure, the leads of C14103 should be resoldered. Control switches Q14101 and Q14103 must also be replaced after any Q14100 failure.



Product Safety Information

Product Safety information is contained in the appropriate TCE Service Data covering models/chassis referenced herein. All specified Product Safety requirements and testing shall be complied with prior to returning equipment to the customer. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damages and may expose themselves and others to possible injury.

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